

RootSpace STRUCTURAL SOIL MODULES LOADED WITH SCREENED SANDY LOAM SOIL MIX, ORGANIC 4-8% BY VOLUME.

RRPREC1 RootRain PRECINCT SINGLE INLET FOR INITIAL WATERING OF ROOTBALL ZONE.

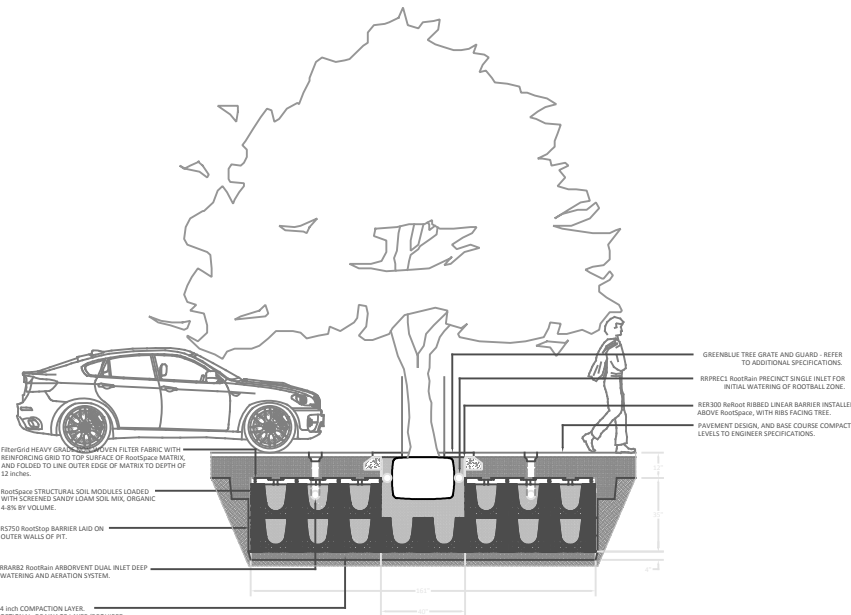
GREENBLUE TREE GRATE AND GUARD - REFER TO ADDITIONAL SPECIFICATIONS.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.

RER300 ReRoot RIBBED LINEAR BARRIER INSTALLED ABOVE RootSpace, WITH RIBS FACING TREE.

RS750 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

SQUARE TREEPIT - PLAN



GREENBLUE TREE GRATE AND GUARD - REFER TO ADDITIONAL SPECIFICATIONS.

RRPREC1 RootRain PRECINCT SINGLE INLET FOR INITIAL WATERING OF ROOTBALL ZONE.

RER300 ReRoot RIBBED LINEAR BARRIER INSTALLED ABOVE RootSpace, WITH RIBS FACING TREE.

PAVEMENT DESIGN, AND BASE COURSE COMPACT LEVELS TO ENGINEER SPECIFICATIONS.

FIBERGLASS HEAVY GRADE WOVEN FILTER FABRIC WITH REINFORCING GRID TO TOP SURFACE OF RootSpace MATRIX, AND FOLDED TO LINE OUTER EDGE OF MATRIX TO DEPTH OF 32 inches.

RootSpace STRUCTURAL SOIL MODULES LOADED WITH SCREENED SANDY LOAM SOIL MIX, ORGANIC 4-8% BY VOLUME.

RS750 RootStop BARRIER LAID ON OUTER WALLS OF PIT.

RRARB2 RootRain ARBORVENT DUAL INLET DEEP WATERING AND AERATION SYSTEM.

4 inch COMPACTION LAYER. OPTIONAL DRAINAGE LAYER REQUIRED IF SURROUNDING SOIL IS NOT FREE DRAINING, OR IF TREE PITS HARVESTING STORMWATER.

SQUARE TREEPIT - SECTION AA

COMPONENT LIST	
PRODUCT	QTY
RootSpace STRUCTURAL SOIL CELL/AIR DECK	284/60
FG3030 FilterGrid BI-AXIAL FILTER LAYER	31.2yd ²
RRPREC1 RootRain PRECINCT SINGLE INLET	1
RRARB2 RootRain ARBORVENT DUAL INLET	1
RER300 ReRoot LINEAR RIBBED R/BARRIER	15'
RS750 RootStop BARRIER	55.4'

SOIL VOLUME GUIDE: APPROX 523.29ft³ OF SOIL (±5%), DEPENDING ON SOIL TYPE AND EXCAVATION VARIATIONS

NOTE : ENSURE THE PIT BASE IS SCREEDED, LEVELLED AND COMPACTED PROPERLY BEFORE PLACING CELLS ON BASE, TO ALLOW FOR EASE OF INSTALLATION OF OVERALL MATRIX.

NOTE : ADEQUATE DRAINAGE FROM BASE OF TREEPIT TO BE PROVIDED IF DESIGN INCORPORATES WSUD PRINCIPLES, OR IF SITE CONDITIONS REQUIRE.



DISCLAIMER	
All foundation details to be verified by a qualified engineer. The manufacturer disclaims liability resulting from any loss or damage incurred from their products, or their non-compliance with, other than as stated on this drawing.	
Designed: IS	Checked: _____
Date: 03/01/2012	Approved: _____
Scale: AS SHOWN	

No.	Revision:	Date:

Title
SQUARE TREEPIT w/TREE GRATE 525 cu ft DETAIL PLANS
Drawing No. _____ Rev. A

INSTALLATION/EXCAVATION TIPS

1. ADD 5% TO OUTER PLAN DIMENSIONS WHEN EXCAVATING PIT.
2. ALWAYS CHECK PIT DIMENSIONS AT BASE OF PIT, ENSURING SIDES ARE CLEAN AND SQUARE
3. LEVEL AND SCREED DRAINAGE LAYER PRIOR TO PLACEMENT OF CELLS